

Amendments to the Claims

This listing of the claims will replace all prior versions and listings of the claims.

Listing of Claims:

- 1-21. (canceled)
22. (new) An isolated antibody or fragment thereof that specifically binds to a protein selected from the group consisting of:
 - (a) a protein whose amino acid sequence consists of amino acid residues 1 to 157 of SEQ ID NO:2;
 - (b) a protein whose amino acid sequence consists of amino acid residues 1 to 101 of SEQ ID NO:2;
 - (c) a protein whose amino acid sequence consists of amino acid residues 26 to 93 of SEQ ID NO:2;
 - (d) a protein whose amino acid sequence consists of a portion of SEQ ID NO:2, wherein said portion is at least 30 contiguous amino acid residues in length; and
 - (e) a protein whose amino acid sequence consists of a portion of SEQ ID NO:2, wherein said portion is at least 50 contiguous amino acid residues in length.
23. (new) The antibody or fragment thereof of claim 22 that specifically binds protein (a).
24. (new) The antibody or fragment thereof of claim 22 that specifically binds protein (b).
25. (new) The antibody or fragment thereof of claim 22 that specifically binds protein (c).

26. (new) The antibody or fragment thereof of claim 22 that specifically binds protein (d).

27. (new) The antibody or fragment thereof of claim 22 that specifically binds protein (e).

28. (new) The antibody or fragment thereof of claim 24 wherein said protein bound by said antibody or fragment thereof is glycosylated.

29. (new) The antibody or fragment thereof of claim 24 wherein said antibody or fragment thereof is human.

30. (new) The antibody or fragment thereof of claim 24 wherein said antibody or fragment thereof is polyclonal.

31. (new) The antibody or fragment thereof of claim 24 wherein said antibody or fragment thereof is monoclonal.

32. (new) The antibody or fragment thereof of claim 24 which is selected from the group consisting of:

- (a) a chimeric antibody or fragment thereof;
- (b) a humanized antibody or fragment thereof; and
- (c) a Fab fragment.

33. (new) The antibody or fragment thereof of claim 24 which is labeled.

34. (new) The antibody or fragment thereof of claim 24 wherein said antibody or fragment thereof specifically binds to said protein in a Western blot or an ELISA.

35. (new) An isolated cell that produces the antibody or fragment thereof of claim 24.

36. (new) A hybridoma that produces the antibody or fragment thereof of claim 24.

37. (new) A method of detecting a protein in a biological sample comprising:
(a) contacting the biological sample with the antibody or fragment thereof of claim 24; and
(b) detecting the protein in the biological sample.

38. (new) An isolated antibody or fragment thereof that specifically binds a protein purified from a cell culture wherein said protein is encoded by a polynucleotide encoding amino acids 1 to 157 of SEQ ID NO:2.

39. (new) The antibody or fragment thereof of claim 38 wherein said antibody or fragment thereof is monoclonal.

40. (new) The antibody or fragment thereof of claim 38 wherein said antibody or fragment thereof is polyclonal.

41. (new) The antibody or fragment thereof of claim 38 wherein said antibody or fragment thereof is human.

42. (new) The antibody or fragment thereof of claim 38 which is selected from the group consisting of:

- (a) a chimeric antibody or fragment thereof;
- (b) a humanized antibody or fragment thereof; and
- (c) a Fab fragment.

43. (new) The antibody or fragment thereof of claim 38 wherein said antibody or fragment thereof specifically binds to said protein in a Western blot or an ELISA.

44. (new) The antibody or fragment thereof of claim 38 wherein the amino acid sequence of said protein consists of amino acid residues 1 to 157 of SEQ ID NO:2.